Application No.: 10/816,514 Docket No.: TGZ-030

AMENDMENTS TO THE SPECIFICATION

Please replace the ninth paragraph on page 10 (lines 17-19) with the following amended replacement paragraph.

Figures 17A-17D 17A-17C illustrates a manufacturing process for a molecular fractionation device according to another embodiment of the invention, wherein the matrix of the molecular fractionation device is chemically modified after manufacture.